INDEX TO VOLUME 4
Authors

Adler PM, 503
Ahlstrom B, 459
Albertson TE, 470, 496
Altieri M, 214, 506
Amsterdam JT, 399
Applebaum D, 143, 201
Armao JC, 399
Askenasi R, 225
Ayliffe HE, 544

Babbs CF, 313
Badylak SF, 313
Baker MD, 265, 355, 358
Baker PB, 52
Barish RJ, 227
Barker WJ, 399
Barsan WG, 1
Bauman JL, 464
Benowitz NL, 199
Berens RJ, 522
Bills GR, 399
Birinyi F, 89
Blaho K, 313
Bogema SC, 358
Boggs LR, 334
Brasch L, 506
Brotman S, 170, 233, 384, 513
Brown CG, 289
Brown DD, 491
Browne BJ, 64, 227
Burma GM, 262
Burnham L, 121

Cannon L, 369
Carden DL, 97
Carraccio C, 10
Carter W, 299
Cerva D, 195
Cohen MB, 551
Conces DJ Jr, 548
Conklin W, 136
Cottington E, 500
Cowley RA, 167, 513
Criss E, 238, 319, 539
Cummins R, 116, 299
Curtis RA, 464

Dalsey WC, 17
David YB, 201
Davies DM, 235
Davis EA, 289, 482
Dean JM, 265
Decker GP, 181
Degaute J-P, 323
Deitrick J, 233
Dhaene M, 225
Diven B, 14, 205
D'Orta J, 214
Dougherty J, 369
Dronen SC, 52
Duarte B, 464
Dula DJ, 302, 406
Dymowski J, 531

Edmonds HL Jr, 103
Eisenberg MS, 116, 299
Emerman CL, 262
Engel PJ, 17
Evans RD, 384
Everson GW, 259

Feaster W, 364
Fierro R, 406
Finley PR, 121
Fisher CJ Jr, 470
Flaherty JJ, 195
Flancbaum L, 167
Foukle GE, 470, 496
Freed HA, 488
French RS, 210

Gabel M, 17
Gailey RA, 551
Garland JS, 390
Gazak S, 10
Georgopoulos CE, 235
Gessner H, 406
Gillet J-B, 323
Glaeser PW, 34, 522
Gogel HK, 150
Gold I, 21
Goldfrank L, 24
Goldmann BJ, 524
Goltra DD, 399
Gorman RL, 459
Gotsman MS, 201
Gough D, 510
Graff J, 195
Granick MS, 136
Greenwood WR, 330
Greiner PT, 542
Grennblatt GM, 197
Grimes MJ, 222
Grufferman S, 544

Hall AH, 222
Hallstrom A, 116, 299
Halperin E, 143
Haltom T, 394
Harris BH, 409
Hartnett L, 24
Hasin Y, 201
Hauswald M, 274
Hearne T, 299
Hedges JR, 1, 17, 107, 399
Helmeczi AW, 302
Hockberger RS, 210
Hoffman JR, 199, 387
Holliday R, 326
Honea BN, 222
Horowitz BZ, 48
Huff JS, 296
Hutchinson RA, 464

Insley BM, 544
Irwin GE Jr, 412
Iscovich AL, 28

Iserson KV, 238, 269, 319, 539
Ivatury RR, 129

Jehle D, 500
Jenkins NH, 229
Jones DG, 229, 235
Jones J, 14, 369

Kahn RJ, 323
Kallus L, 218
Karch SB, 4, 189
Kasuya A, 464
Kauffman FH, 524
Kishaba G, 390
Kobernick M, 189
Kobrin-Merritts D, 459
Koenigsberg M, 21
Koren G, 201
Kouchoukos PL, 297
Kougias C, 313
Kreipke DL, 548
Krenzelok EP, 259

Lamonica C, 513
Ledgerwood AM, 519
Leiken JB, 126
Levitt MA, 121
Lewis JD, 426
Lippe MS, 214
Litovitz TL, 294, 427
Litwin P, 116, 299
Liverman T, 355
Losek JD, 34, 390, 522
Lowe RA, 107
Lucas CE, 519
Lukes ST, 1

Mabey B, 40
Mace SE, 326
Manoguerra AS, 362
Margulies JL, 218, 515
Mariani PJ, 141
Martin M, 500
Martyak GG, 170
Mayer TA, 98
McCabe CJ, 64, 374
McCleod JW, 205
McCoy GC, 551
McGeehan PA, 302
McNamara RM, 31
Melker RJ, 490
Mena I, 210
Mickel HS, 40
Milde LN, 103
Militello P, 167
Moser M, 173, 276
Motte S, 323

Neal JS, 259
Nelson DB, 390
Nelson MS, 231
Neuman TS, 362
Nishiyama H, 1

Normann SA, 427
Nowak RM, 97, 189
Noy Y, 352

O'Brien RP, 302
Okabajue R, 394
O'Leary MR, 241
Olson KR, 199, 364
Ornato JP, 192
Owens SM, 121

Panos RJ, 227
Parrish GA, 59
Pezzi C, 233
Powers RD, 267
Price D, 24

Ramasastry S, 136
Ramoska E, 553
Roberge RJ, 129
Roberts JR, 24, 384
Robertson WO, 105
Robinson MD, 330
Rohman M, 129
Rose WD, 170
Rosenthal RE, 248
Rothstein RJ, 210
Rumack BH, 222
Rund DA, 89, 181, 289, 482
Rust D, 510

Sacchetti A, 10, 553
Salvucci AA, 28
Schneider SM, 337
Schwartz JA, 531
Shesser R, 296
Shufflebarger C, 500
Simon RR, 387
Skiendzielewski J, 59
Sklar DP, 14
Smith M, 241, 296, 387
Snover WS, 406
Sobocinski KA, 390
Solomon DR, 146
Spadafora MP, 384
Spivey WH, 31
Splittgerber F, 519
Spoerke DG, 222
Springer M, 364
Stahl W, 129
Stair TO, 214
Stults KR, 491
Sullivan JB Jr, 121
Sussman C, 31
Syverud SA, 17, 399

Talamo TS, 136
Tandberg D, 150, 205
Tarver RD, 548
Thomas M, 355
Thompson D, 17
Thys J-P, 225
Tilelli J, 412
Toussaint C, 225

Trooskin SZ, 167
Tso E, 227
Turbiak TW, 248
Turkewitz D, 59
Turnbull TL, 531

Uehara DT, 531

Veltri JC, 427
Vicario SJ, 394
Vincent J-L, 323
Vogel S, 126

Walby WF, 496
Walsh-Kelly CM, 522

Ward CF, 197
Warden T, 10
Wason S, 542
Wedin GP, 259
Weiss AT, 201
Werman HA, 89, 181, 289, 482
White JD, 40, 193, 383

White WB, 319
Wright J, 167

Yeatman TJ, 163

Zimmers T, 37, 297, 352, 536

INDEX TO VOLUME 4
Subjects

Abdominal pain, leukocyte count and differential in evaluation of (journal club), 482
Abdominal trauma, annotated bibliography of recent literature on, 374
  computed tomography of, for diagnosis (abstract), 179
  for initial therapy (abstract), 469
  splenic injury from, 170
Abrasions and lacerations, intraoral, antibiotic prophylaxis for, 507
  polyurethane and silver sulfadiazene dressings for, 214
  topical anesthesia for repair of, 319
Adult respiratory distress syndrome, imipramine overdose and (letter), 195
AIDS, pentamadine therapy for, hypoglycemic coma from (letter), 384
Airway maintenance, endotracheal intubation for, 64
  esophageal obturator airway for, 64
  nasogastric intubation for, 426, 511
  nasotracheal intubation for, 426
  nasopharyngeal airway for, 426
  orotracheal intubation for, 167
  pharyngeal-tracheal lumen airway for, 64
Alcohol and disulfiram-induced shock, 323
Allopurinol, cardiac arrest and resuscitation effects of, 313
American Association of Poison Control Centers, 1985 annual report of, 427
Amitriptyline plasma protein binding, 121
Anaphylaxis and anaphylactoid reaction, intravenous contrast media-induced, 146
  penicillin-induced, review of, 241
Anesthesia, topical, for laceration repair, 319
Angina pectoris, carboxyhemoglobin levels correlated to, 126
Angiography, of myocardial contusion, 210
  of vascular injury following disc surgery, 406
Ankle injury, malleolar fracture and, 334
  sprains from, radiography of, 387
Anti-shock garments, pediatric, pre-hospital demand for (letter), 573
Antidiuretic hormone, brain death determination by (abstract), 468
Aortic dissection, diagnosis and treatment of 330
Arterial injury, clinical study of (abstract), 468
Asthma, acute, assessment of (journal club), 89
  carboxyhemoglobin levels correlated to, 126
  terbutaline therapy for, hypotension from, during pregnancy, 218
Asystole, lidocaine-induced, 143

Baclofen overdose, atropine therapy for, 552
Birrer RB, Sports Medicine for the Primary Care Physician (book review), 568
Bleeding, see hemorrhage
Blindness, acute, 459
Blood flow, cerebral, occlusive cerebrovascular disease and (abstract), 180
  during CPR, mechanisms of, (abstract), 421
Blood transfusion, for degloving trunk injury, 514
Body weight, methods of estimation of, 390
Bodystuffer syndrome, 24
Boerhaave's syndrome, 532
Boric acid ingestion, 358
Brain death, antidiuretic hormone determination of (abstract), 468
Brain resuscitation, annotated bibliography of recent literature on, 560
  in hospital (editorial), 189
  newly devised solutions for (abstract), 87
  thiopental administration for, 72
Brain Resuscitation Clinical Trial, 72
Burns, annotated bibliography of recent literature on, 376
  chemical, tissue damage from, 554
  polyurethane and silver sulfadiazene dressings for, 214

Calcium blockers, for cardiac resuscitation (editorial), 189
Carbon monoxide, cardiac disease exacerbation correlated to, 126
  poisoning from, during pregnancy, 516
Carboxyhemoglobin levels, cardiopulmonary complaints correlated to, 126
  fetal-maternal relationships of, 516
  methylene chloride-induced increases in, 48
Cardiac arrest, allopurinol effects following, in rats, 313
  bradyasystolic, transcutaneous cardiac pacemakers for, (journal club), 289
  dimethylsulfoxide effects following, in rats, 313
  documentation of, 355
  epinephrine therapy for, effects of (abstract), 414, 416
  identification of, by emergency dispatchers, 299
  lactic acidosis from, cardiopulmonary bypass resuscitation for, (abstract), 416
  lipid peroxidation in brain and heart after (abstract), 414
  methoxamine effects following (abstract), 416
  out-of-hospital, bystander CPR effects on (abstract), 420
  emergency measures for (abstract), 557
  emergency medical technician CPR effects on (abstract), 558
  significance of symptoms of, 116
Cardiac death, sudden, (abstract), 558
Cardiac pacing, transcutaneous, see transcutaneous cardiac pacing
Cardiopulmonary resuscitation, abdominal compression for, effects of (abstract), 415
  allopurinol and dimethylsulfoxide effects in, 302
  annotated bibliography of recent literature on, 380
  aortic and atrial systolic pressures in monitoring of, (abstract), 421
  blood flow during, mechanism of (abstract), 421
  brain computed tomography evaluation of (abstract), 556
  bypass procedures for, cardiac arrest-induced lactic acidosis and (abstract), 416
  improved outcome after cardiac arrest using (abstract), 419
  bystander, neurological effect of, (abstract), 420
  calcium blockers for (editorial), 189
  catecholamines for (editorial), 189
  cerebral and, in hospital (editorial), 189
  newly devised solutions for (abstract), 87

thiopental administration for, 72
end-tidal carbon dioxide monitoring of (abstract), 418
epinephrine administration during, effects of (abstract), 414, 418
fluid administration for, combined effect of catheter and tubing size on, 238
rapid, new device for (letter), 197
whole blood vs Ringer's solution in (abstract), 424
hemodynamic events during, real-time tracking of (abstract), 418
mechanical techniques of, canine model of (abstract), 419
naloxone effects on adrenomedullary response during and after, (abstract), 418
open-chest, 248
closed-chest vs, comparative pathology of (abstract), 414
(letter), 576
pediatric, endotracheal infusions for, 31
intraosseous infusions for, see intraosseous CPR infusion, pediatric
percutaneous venous cannulation for (editorial), 98
vascular access for (editorial), 98
rapid compression rate for, hemodynamic effects of, (abstract), 421
record-keeping during, 355
sixth Purdue Conference on, 414
standards and guidelines for (editorial), 192
Castor bean poisoning, 259
Catecholamines, for cardiac resuscitation (editorial), 189
Catheters, fluid flow affected by, 238
hematuria from, incidence and magnitude of, 14
Caustic ingestion, 554
Cellulitis, pneumococcal, 225
Cerebral blood flow, regional, occlusive cerebrovascular disease and (abstract), 180
Cerebral resuscitation, see brain resuscitation
Cerebrovascular disease, occlusive, regional cerebral blood flow and (abstract), 180
Cervical spinal injury, annotated bibliography of recent literature on, 376
fractures from, diagnosis of, 235
respiratory failure from, factors relating to (abstract), 557
Children and infants, anti-shock garments for, pre-hospital demand for (letter), 573
boric acid ingestion by, 358
critical-care drugs for, systematic approach to, 265
digoxin intoxication of, 364
emergencies of, see pediatric emergencies
emergency medical services for, 10
intraoral wounds of, antibiotic prophylaxis for, 507
seizures of, voluntary water intoxication-induced, 21
Cholecystitis, emphysematous vs acute, 163
Chronic obstructive pulmonary disease, carboxyhemoglobin levels correlated to, 126
Cocaine, tetracaine-adrenaline-cocaine mixtures, for anesthesia, 319
thallium poisoning with, 545
Colles' fracture, scaphoid fracture combined with, 229
Colon carcinoma, surgical results of (abstract), 468
Compartment syndrome, IMP measurements of (abstract), 373
Compound W ingestion, 554
Computed tomography, emergent, medical college hospital (abstract), 179
of abdominal injury
diagnostic, (abstract), 179
therapeutic (abstract), 469
of brain, in post-CPR patients (abstract), 556
of lung contusion, (abstract), 372
of thoracic injury, (abstract), 373
Congenital anomalies, cervical fracture vs, 235
Congestive heart failure, carboxyhemoglobin levels correlated to, 126
Contraband, body-cavity concealment of, 37
Contrast media, intravenous, anaphylactoid reaction to, 146
Contusion, lung, pathophysiology of (abstract), 372
myocardial, diagnosis of, 210
Critical care medicine, annotated bibliography of recent literature on, 470
pediatric drugs for, 265
standards and guidelines for (editorial), 192

Dantrolene sodium, heatstroke therapy and, 399
Defibrillation, automatic external, community responder use of (abstract), 417
development and widespread use of (abstract), 424
test of, rhythm analysis system for (abstract), 417
drug therapy vs, (abstract), 420
emergency medical technician performance of (editorial), 571
training for, 491
epicardial electrodes for, potential gradient field created by (abstract), 419
epinephrine vs methoxamine effects on (abstract), 416
field, 274
self-adhesive monitoring pads in (abstract), 423
sixth Purdue Conference on, 414
transthoracic impedance in (abstract), 422
unsuccessful, activation after, in open-chested dogs (abstract), 416
Dextrose solution, serum glucose changes after administration of, 504
Diagnostic techniques, angiography, 210, 406
computed tomography, see computed tomography
electrocardiography, 352, 537
radiography, see radiography
ultrasonography, (abstract), 372
Dimethylsulfoxide, cardiac arrest and resuscitation effects of, 313
Diphenhydramine-induced toxic psychosis, 369
Disaster, emergency medical information systems for (abstract), 180
Disseminated intravascular coagulation, multiple organ failure and (abstract), 558
Disulfiram therapy-induced shock, 323
Drowning, near, lung pathology of, 4
swimming pool water solutions and, differences between, (abstract), 421
Drug administration, endotracheal, lidocaine levels with (abstract), 420
pediatric, 31
pediatric resuscitation, body weight as factor in, 390
endotracheal infusions for, 31
intraosseous infusions for, see intraosseous CPR infusions, pediatric
vascular access for (editorial), 98
peripheral vs central venous injections for, 1
Drug overdose, baclofen, atropine therapy for, 552
bodystuffer syndrome and, 24
digoxin, digitalis-specific antibody therapy for, 364
diphenhydramine, 369
gastric lavage vs emesis for, 205
(letter), 294
imipramine, ARDS associated with (letter), 195
propranolol, esophageal spasm from, 227
theophylline (letter), 105, 199
tricyclic antidepressant, 121, 195, 496
xylazine, 222

Edema, pulmonary, see pulmonary edema

Education, emergency medical, academic goals of residents in (letter), 576
academic organization for (editorial), 193
computer-aided instruction in, 337, 384
faculty standards and requirements for (editorial), 97
Elderly patients, acute abdomen in (abstract), 469
headaches of, recurrent, 40
nasogastric intubation of, fatal, 511
Electrocardiography, case studies of, 352, 537
Emergency medical information system, for disasters (abstract), 180
Emergency medical services, aeromedical, crewmember performance in, 409
interhospital transport systems, in Tokyo (abstract), 373
transconjunctival oxygen monitoring of hypoxemia in, 501
clinical pharmacy on-call program for, 464
hospital board impact on, 269
image of (editorial), 487
patient-flow patterns and (abstract), 372
pediatric, 10
Emergency physicians, future (editorial), 383
Emesis, Boerhaave's syndrome and, 532
ipecac-induced, vs gastric lavage, 205
Empyema, esophageal perforation and, 520
streptococcal sepsis and, 28
Endotoxin shock, thromboxane synthetase inhibitor effect on, (abstract), 556
Endotracheal intubation, 64
Epinephrine administration in CPR, intracardiac, electromechanical dissociation with, (abstract), 422
methoxamine vs, effects of, 416
patient survival and cerebral recovery with (abstract), 414
vasopressor effect of, (abstract), 418
Esophageal obturator airway, 64
Esophageal perforation, conservative therapy for, 520
Esophageal rupture, Boerhaave's syndrome and, 532
Esophageal spasm, propranolol overdose and, 227
Ethchlorvynol-induced pulmonary edema, 549

Fibrinolytic therapy, pre-hospital, for myocardial infarction, 201
Flunarizine, short-term neurological recovery with (letter), 103
Fluoride poisoning, 362
Foot injuries, ankle sprains from, radiography of, 387
malleolar fractures and, isolated posterior, 334
Foreign bodies, intracranial, penetrating, 412
in upper alimentary tract (abstract), 469
Fractures, cervical spinal, congenital anomaly vs, 235
combined Colles' and scaphoid, treatment of, 229
malleolar, isolated posterior, 334

Gallbladder inflammation, see cholecystitis
Gastric lavage vs emesis
(editorial), 294
ipecac-induced emesis, 205
Gastrointestinal hemorrhage, upper, management of, 150
Glucagon therapy, propranolol overdose and, 227
Glucose levels, dextrose solution effect on, 504
Glue sniffing, 48

Head injury, carotid-internal jugular oxygen content level in (abstract), 88
cervical spinal injury with, 235
differential ICP in (abstract), 373
penetrating intracranial foreign body from, unrecognized, 412
scalp wounds from, complications of, 136
skull radiographs of (editorial), 488
TRH test of (abstract), 87

Headaches, in elderly patients, 40
Heart attack, see cardiac arrest
Heatstroke, dantrolene sodium for, 399
rapid cooling for, 394
rhabdomyolysis in convalescent period of (abstract), 372
Helicopter patient transport
crewmember performance during, 409
hypoxemia during, transconjunctival oxygen monitoring of, 501
interhospital systems of, in Tokyo (abstract), 373
Hematuria, catheter-induced, incidence and magnitude of, 14
Hemorrhage, degloving trunk injury-induced, 514
gastrointestinal, upper, management of, 150
shock from, intraoperative liver resection-induced, (abstract), 87
Hoffner EP, Barnett GO, Arrhythmias: Case studies in Management (software review), 570
Arterial Blood Gases (software review), 287
Hypertensive Emergencies (software review), 288
Hospital boards, controversies regarding, 269
Hydrocarbon abuse, intravenous, 543
Hydrofluoric acid ingestion, 362
Hypertension, pseudoephedrine-induced, 141
Hyperthermia, see heatstroke
Hypoglycemic coma, pentamadine therapy and (letter), 384
Hyponatremia, conservative correction of (letter), 296
Hypotension, terbutaline-induced, in pregnant asthmatic patient, 218
Hypoxemia, transconjunctival oxygen monitoring of, 501
Infants, see children and infants
Infarction, myocardial, see myocardial infarction
Injections, peripheral vs central venous, 1
Injuries, traumatic, see traumatic injuries
Intestinal intubation, endoscopic bedside procedure for (abstract), 179
Intracranial mass lesions, differential ICP studies of (abstract), 373
Intramuscular pressure measurements, of compartment syndrome (abstract), 373
Intraoral wounds, antibiotic prophylaxis for, 507
Intraosseous CPR infusion, pediatric, 31, 34, 59
difficulties of, 540
(letter), 490
needle type and placement for, 540
phenytoin administration via, 523
Intubation, endotracheal, 64
intestinal, endoscopic bedside procedure for (abstract), 179
nasogastric, 425, 511
nasotracheal, 426
orotracheal, 167
Ipecac syrup
effectiveness and side effects of (abstract), 468
gastric lavage vs emesis induced by, 205

Jastremski MS, The Whole Emergency Medicine Catalog (book review), 286
Johnson R, Swartz MH,A Simplified Approach to Electrocardiography (book review), 569

Katz AE, Manual of Otolaryngology - Head and Neck Therapeutics (book review), 569

Lacerations, see abrasions and lacerations
Lactic acidosis, cardiac arrest-induced (abstract), 416
Laryngeal injuries, orotracheal intubation for, 167
Lidocaine, asystole as complication of, 143
endotracheal administration of (abstract), 420
Liver, energy metabolism in, during phagocytosis (abstract), 557
resection of, hemorrhagic shock during (abstract), 87

traumatic injury to, ultrasonography and GOT/GPT ratio in, (abstract), 372
Lumbar disc surgery, vascular injury following, 406
Lung, contusion of, pathophysiology of (abstract), 372
near drowning, pathophysiology of, 4

Malaria, clinical presentation and treatment of 48
Malleolar fractures, isolated posterior, 334
Matthews SJ, Schneiweiss F, Cersosimo RJ, A Clinical Manual of Adverse Drug Reactions (book review), 569
Methoxamine ve epinephrine effects, following cardiac arrest, (abstract), 416
Methylene chloride-induced carboxyhemoglobinemia, 48
Mills K, Morton R, Color Atlas of Accidents and Emergencies (book review), 481
Myocardial contusion, radionuclide angiographic diagnosis of, 210
Myocardial infarction, carboxyhemoglobin levels correlated to, 126
coronary prognostic index correlation to (abstract), 556
fibrinolytic therapy for, pre-hospital, 201
pericarditis mimicking, 262
prognosis in CCU, pre-hospital factors relating to (abstract), 87
thrombolytic therapy for, (journal club), 181
Myocardial reperfusion injury (abstract), 414, 415

Naloxone, adrenomedullary effect of, during and after CPR (abstract), 418
Narcotics, sickle cell disease pain and, 267
Nasogastric intubation, nasopharyngeal airway facilitation of, 426
pleural penetration as complication of, 511
Nasotracheal intubation, nasopharyngeal airway facilitation of, 426
Neck injury, cervical fracture from, 235

Orotracheal intubation, laryngeal injuries and, 167
Oxygen content, carotid-internal jugular, head injury evaluation by, (abstract), 88
transconjunctival, hypoxemia monitoring and, 501
Paint inhalation, 48
Pancreatitis, imaging diagnostic techniques for (abstract) 556
Paraquat poisoning, clinical studies in (abstract), 468
Pediatric emergencies, community hospital management of, 10
resuscitation, see cardiopulmonary resuscitation, pediatric
Penicillin, anaphylactic reaction to, 241
prophylactic, for intraoral wounds, 507
Pentamadine, hypoglycemic coma from (letter), 384
Pericarditis, myocardial infarction vs, 262
Pharmacy on-call program, 464
Pharyngeal-tracheal lumen airway, 64
Pharyngitis, streptococcal, therapeutic strategies for, 107
Phenytoin, intraosseous infusion of, 523
Physicians, emergency, future (editorial), 383
Plasma protein binding, amitriptyline, 121
Plasmodium vivax infection, 52
Pneumococcal cellulitis, 225
Pneumothorax, nasogastric intubation-induced, 511
Poisoning, see also toxicity
carbon monoxide, 516
castor bean, 259
fluoride, 362
paraquat (abstract), 468
thallium, 545
turpentine, 543
Polyurethane dressings, burns and abrasions treated with, 214
Pregnancy, carbon monoxide poisoning during, 516
terbutaline-induced hypotension from asthma therapy during, 218
urinary retention secondary to incarcerated gravid uterus of, 231
Pseudoephedrine-induced hypertensive emergency, 141
Psychosis, toxic, diphenhydramine-induced, 369
Pulmonary edema, intravenous contrast media-induced, 146
intravenous ethchlorvynol-induced, 549

Rabies, review of, 525
Radiography, of ankle sprain, 387
of Boerhaave's syndrome, 532
of drug tablet and capsule ingestion, 302
of eclipse, (letter), 297
of skull, head injury evaluation via (editorial), 488
Rectal carcinoma, surgical results of (abstract), 468
Research design, randomized clinical trials in, 173, 276
Resuscitation, cardiopulmonary, see cardiopulmonary resuscitation
brain, see brain resuscitation
Rhabdomyolysis, heatstroke and, (abstract) 372
Roberts JR, Hedges JR, Clinical Procedures in Emergency Medicine (book review), 481

Scalp infections, complications of, 136
Scaphoid fracture, Colles' fracture and, treatment of, 229
Seizures, infantile, voluntary water intoxication-induced, 21
phenytoin therapy for, intraosseous administration of, 523
Sepsis, streptococcal, empyema and, 28
Shock, alcohol and disulfiram-induced, 323
endotoxin, thromboxane synthetase inhibitor effect on, (abstract), 556
hemorrhagic, liver resection-induced (abstract), 87
Sickle cell disease, management protocol for, 267
Silver sulfadiazene dressings, burns and abrasions treated with, 214
Skin transplantation, degloving trunk injury and, 233
Spinal injury, cervical, see cervical spinal injury
Splenic injury, diagnostic and therapeutic techniques for, 170
Status epilepticus, phenytoin therapy for, intraosseous administration of, 523
Streptococcal infection, cellulitis from, 225
pharyngitis from, therapeutic strategies for, 107
sepsis from, empyema and, 28
Streptokinase therapy, for myocardial infarction, 201
Subclavian vein catheterization, Doppler-oriented (abstract) 558

TAC, for laceration repair, 319
Terbutaline-induced hypotension, in pregnant asthmatic patient, 218
Tetracaine, laceration repair and, 319
Thallium poisoning, 545
Thant M, Holmes M, Ruhlmann R, ECG Primer: A Computerized Text (software review), 288
Theophylline overdose (letter), 105, 199
Thoracic injuries, annotated bibliography of recent literature on, 381
computed tomography of (abstract), 373
esophageal perforation from, conservative therapy for, 520
myocardial contusion from, 210
thoracotomy for, 129
Thoracotomy, for penetrating injuries, 129
(letter), 575
Thrombolytic therapy, for myocardial infarction, 181
Thromboxane synthetase inhibitor, hepatic circulatory effects of, (abstract), 556
Thyrotropin-releasing hormone (TRH) test, of head injury (abstract), 87
Toxicity, boric acid, in infants, 358
carbon monoxide, during pregnancy, 516
castor bean, 259
compound W, 554

drug overdose, see drug overdose
ethchlorvynol, 549
hydrocarbon, 543
hydrofluoric acid ingestion, 362
paraquat, clinical studies of (abstract), 468
thallium, in cocaine abusers, 545
turpentine, 543
Transcutaneous cardiac pacing, bradyasystolic cardiac arrest and (journal club), 289
hemodynamics of, 17
Transfusion, blood, for degloving trunk injury, 514
Traumatic injuries, abdominal, see abdominal trauma
annotated bibliography of recent literature on, 374
computer-based interactive instruction on (letter), 384
foot, see foot injuries
fractures from, see fractures
head, see head injury
laryngeal, orotracheal intubation for, 167
liver, ultrasonography and GOT/GPT ratio in, (abstract), 372
splenic, diagnostic and therapeutic techniques for, 170
thoracic, see thoracic injuries
trunk, degloving, see trunk injuries, degloving
Tricyclic antidepressant overdose, 121, 195, 496
Trunk injuries, degloving, blood transfusion for, 514
skin transplantation for, 233
Turpentine poisoning, 543

Ultrasonographic evaluation, of liver trauma (abstract), 372
Urinary retention, incarcerated gravid uterus as cause of, 231

Vascular injury
arterial, clinical study of (abstract), 468
disc surgery-induced, 406
Ventricular fibrillation
amplitude of, defibrillation evaluation by (abstract), 423
defibrillation vs drug therapy for, sequence of (abstract), 420
Volkmann's ischemic contracture, compartment syndrome and (abstract), 373

Water intoxication-induced infantile seizures, 21
Wound repair, polyurethane and silver sulfadiazene dressings for, 214
topical anesthesia for, 319

Xylazine overdose, human, 222

Zimmerman SS, Gildea JH, Critical Care Pediatrics (book review), 286

Contents

VOLUME 4, 1986

Number 1 • January 1986

ORIGINAL CONTRIBUTIONS

Differences in Drug Delivery with Peripheral and Central Venous Injections: Normal Perfusion *William G. Barsan, Jerris R. Hedges, Hiroshi Nishiyama, Steven T. Lukes* 1

Pathology of the Lung in Near-drowning *Steven B. Karch* 4

Community Hospital Management of Pediatric Emergencies *Alfred Sacchetti, Carol Carraccio, Todd Warden, Steven Gazak* 10

Incidence and Magnitude of Catheter-induced Hematuria *David P. Sklar, Benjamin Diven, Jeffrey Jones* 14

Hemodynamics of Transcutaneous Cardiac Pacing *Scott A. Syverud, Jerris R. Hedges, William C. Dalsey, Marjorie Gabel, Dave Thompson, Peter J. Engel* 17

BRIEF REPORTS

Infantile Seizures Caused by Voluntary Water Intoxication *Ira Gold, Max Koenigsberg* 21

The Bodystuffer Syndrome: A Clandestine Form of Drug Overdose *James R. Roberts, Dennis Price, Lewis Goldfrank, Lorraine Hartnett* 24

Streptococcal Sepsis and Death Caused by Empyema *A. L. Iscovich, A. A. Salvucci* 28

Pediatric Resuscitation Without an Intravenous Line *Robert M. McNamara, William H. Spivey, Cindy Sussman* 31

Emergency Intraosseous Infusions in Children *Peter W. Glaeser, Joseph D. Losek* 34

CLINICAL NOTES

Body-cavity Concealment of Contraband: Cooperation Between the US Customs Service and the ED *Tighe E. Zimmers* 37

CLINICOPATHOLOGICAL CASE CONFERENCE

Recurrent Headache in an Elderly Patient *Hubert S. Mickel, J. Douglas White, Brent Mabey* 40

TOXICOLOGY

Carboxyhemoglobinemia Caused by Inhalation of Methylene Chloride *B. Zane Horowitz* 48

DIAGNOSTICS

Vivax Malaria *Paul B. Baker, Steven C. Dronen* 52

THERAPEUTICS

Intraosseous Infusions in the Emergency Department *Gary A. Parrish, David Turkewitz, John J. Skiendzielewski* 59

CONTROVERSIES

Esophageal Obturator Airway, ET Tube, and Pharyngeal–tracheal Lumen Airway *Charles J. McCabe, Brian J. Browne* 64

RESEARCH SEMINAR

A Randomized Clinical Study of Cardiopulmonary–cerebral Resuscitation: Design, Methods, and Patient Characteristics *Brain Resuscitation Clinical Trial I Study Group* 72

INTERNATIONAL NOTES

International Abstracts 87

THE LITERATURE OF EMERGENCY MEDICINE

Journal Club: Assessment of the Acute Asthmatic *Howard A. Werman, Frank Birinyi, Douglas A. Rund* 89

EDITORIALS

The Need for Faculty Standards and Requirements *Donna L. Carden, Richard M. Nowak* 97

Emergency Pediatric Vascular Access: Old Solutions to an Old Problem *Thom A. Mayer* 98

CONSULTING REVIEWERS 102

CORRESPONDENCE

Short-term Neurological Recovery with Flunarizine *Leslie Newberg Milde, Harvey L. Edmonds, Jr.* 103

Theophylline Overdose *William O. Robertson* 105

NOTICES 106

Number 2 • March 1986

ORIGINAL CONTRIBUTIONS

Streptococcal Pharyngitis in the Emergency Department: Analysis of Therapeutic Strategies *Jerris R. Hedges, Robert A. Lowe* 107

Out-of-hospital Cardiac Arrest: Significance of Symptoms in Patients Collapsing Before and After Arrival of Paramedics *Mickey S. Eisenberg, Richard O. Cummins, Paul E. Litwin, Alfred P. Hallstrom* 116

Amitriptyline Plasma Protein Binding: Effect of Plasma *p*H and Relevance to Clinical Overdose *M. Andrew Levitt, John B. Sullivan, Jr., S. Michael Owens, Leah Burnham, Paul R. Finley* 121

Carbon Monoxide Levels in Cardiac Patients in an Urban Emergency Department *Jerrold B. Leiken, Stephen Vogel* 126

Emergency Department Thoracotomy for Penetrating Injuries: Predictive Value of Patient Classification *Raymond J. Roberge, Rao R. Ivatury, William Stahl, Michael Rohman* 129

BRIEF REPORTS

Devastating Scalp Infections *Mark S. Granick, William Conklin, Sai Ramasastry, Thomas S. Talamo* 136

Pseudoephedrine-induced Hypertensive Emergency: Treatment with Labetalol *Peter J. Mariani* 141

Asystole Following a Conventional Therapeutic Dose of Lidocaine *David Applebaum, Ephriam Halperin* 143

Anaphylactoid Reaction and Non-cardiac Pulmonary Edema Following Intravenous Contrast Injection *Dennis R. Solomon* 146

REVIEW

Emergency Management of Upper Gastrointestinal Hemorrhage *Howard K. Gogel, Dan Tandberg* 150

DIAGNOSTICS

Emphysematous Cholecystitis: An Insidious Variant of Acute Cholecystitis *Timothy J. Yeatman* 163

THERAPEUTICS

Orotracheal Intubation in Suspected Laryngeal Injuries *Louis Flancbaum, James Wright, Stanley Z. Trooskin, Phillip Militello, R. Adams Cowley* 167

CONTROVERSIES

Changing Attitudes Toward Splenic Trauma *William D. Rose, Gabriel G. Martyak, Sheldon Brotman* 170

RESEARCH SEMINARS

Randomized Clinical Trials: Problems and Values *Michael Moser* 173

INTERNATIONAL NOTES

International Abstracts 179

THE LITERATURE OF EMERGENCY MEDICINE

Journal Club: Thrombolytic Agents in the Treatment of Myocardial Infarction *Howard A. Werman, Gregory P. Decker, Douglas A. Rund* 181

EDITORIALS

Cardiopulmonary–cerebral Resuscitation in the Hospital *Michael Kobernick, Richard M. Nowak* 189

Catecholamines and Calcium Blockers in Cardiac Resuscitation *Steven B. Karch* 189

New Standards and Guidelines for CPR and Emergency Cardiac Care *Joseph P. Ornato* 192

Academic Organization: The Future is Now *J. Douglas White* 193

CORRESPONDENCE

ARDS Associated with Massive Imipramine Overdose *John J. Flaherty, Don Cerva, Jeff Graff* 195

A New Device for Rapid Fluid Administration *Gordon M. Greenblatt, C. F. Ward* 197

Theophylline Poisoning *Jerome R. Hoffman, Kent R. Olson, Neal L. Benowitz* 199

NOTICES 200

Number 3 • May 1986

ORIGINAL CONTRIBUTIONS

Feasibility of Pre-hospital Fibrinolytic Therapy in Acute Myocardial Infarction *David Applebaum, Avraham T. Weiss, Gideon Koren, Yoseph Ben David, Yonathan Hasin, Mervyn S. Gotsman* 201

Ipecac-induced Emesis versus Gastric Lavage: A Controlled Study in Normal Adults *Dan Tandberg, Benjamin G. Diven, Joy W. McCleod* 205

Myocardial Contusion Diagnosed by First-pass Radionuclide Angiography *Robert J. Rothstein, Richard S. French, Ishmael Mena, Robert S. Hockberger* 210

Polyurethane and Silver Sulfadiazene Dressings in Treatment of Partial-thickness Burns and Abrasions *Thomas O. Stair, James D'Orta, Michael F. Altieri, Michael S. Lippe* 214

BRIEF REPORTS

Terbutaline-induced Hypotension in a Pregnant Asthmatic Patient *Jeffrey L. Margulies, Lester Kallus* 218

Human Overdose with the Veterinary Tranquilizer Xylazine *David G. Spoerke, Alan H. Hall, Michael J. Grimes, Bertrand N. Honea, Barry H. Rumack* 222

Pneumococcal Cellulitis *Michel Dhaene, Jean-Pierre Thys, Robert Askenasi, Charles Toussaint* 225

Esophageal Spasm Following Propranolol Overdose Relieved by Glucagon *Ralph J. Panos, Elizabeth Tso, Robert J. Barish, Brian J. Browne* 227

Simultaneous Colles' and Scaphoid Fractures: Treatment by Combined Internal and External Fixation *N. H. Jenkins, D. G. Jones* 229

Acute Urinary Retention Secondary to an Incarcerated Gravid Uterus *Marc S. Nelson* 231

Massive Degloving Injury of the Trunk *Christopher Pezzi, Sheldon Brotman, John Deitrick* 233

Injury to the Upper Cervical Spine: Fracture Versus Congenital Anomaly *C. E. Georgopoulos, D. G. Jones, D. M. Davies* 235

CLINICAL NOTES

Combined Effect of Catheter and Tubing Size on Fluid Flow *Kenneth V. Iserson, Elizabeth Criss* 238

REVIEW

Penicillin Anaphylaxis *Margaret R. O'Leary, Mark S. Smith* 241

Open-chest Cardiopulmonary Resuscitation *Robert E. Rosenthal, Thomas W. Turbiak* 248

TOXICOLOGY ROUNDS

Castor Bean Poisoning *Gregory P. Wedin, Jeffrey S. Neal, Gary W. Everson, Edward P. Krenzelok* 259

DIAGNOSTICS

Pericarditis Mimicking Acute Myocardial Infarction *Gerald M. Burma, Charles L. Emerman* 262

THERAPEUTICS

Pediatric Critical-care Drugs: A Systematic Approach *M. Douglas Baker, J. Michael Dean, Catherine Gvozden* 265

Management Protocol for Sickle-cell Disease Patients with Acute Pain: Impact on Emergency Department and Narcotic Use *Robert D. Powers* 267

CONTROVERSIES

Hospital Governing Boards *Kenneth V. Iserson* 269

Defibrillation in the Field: Should EMTs Interpret Rhythms? *Mark Hauswald* 274

RESEARCH SEMINARS

Randomized Clinical Trials: Alternatives to Conventional Randomization *Michael Moser* 276

THE LITERATURE OF EMERGENCY MEDICINE

Book/Software Reviews 286

Journal Club: Transcutaneous Cardiac Pacemakers in Bradyasystolic Cardiac Arrest *Howard A. Werman, Charles G. Brown, Eric A. Davis, Douglas A. Rund* 289

EDITORIAL

Emesis versus Gastric Lavage for Poisoning Victims *Toby L. Litovitz* 294

CORRESPONDENCE

Conservative Correction of Hyponatremia *J. Stephen Huff, Robert Shesser, Mark Smith* 296

Radiological Eclipse *Tighe E. Zimmers, Philip L. Kouchoukos* 297

NOTICES 298

Number 4 • July 1986

ORIGINAL CONTRIBUTIONS

Identification of Cardiac Arrest by Emergency Dispatchers *Mickey S. Eisenberg, William Carter, Al Hallstrom, Richard Cummins, Paul Litwin, Thomas Hearne* 299

Detectability of Drug Tablets and Capsules by Plain Radiography *Richard P. O'Brien, Paul A. McGeehan, Albert W. Helmeczi, David J. Dula* 302

Effect of Allopurinol and Dimethylsulfoxide on Long-term Survival in Rats After Cardiorespiratory Arrest and Resuscitation *Stephen F. Badylak, Charles F. Babbs, Constantina Kougias, Kari Blaho* 313

Topical Anesthesia for Laceration Repair: Tetracaine versus TAC (Tetracaine, Adrenaline, and Cocaine) *William B. White, Kenneth V. Iserson, Elizabeth Criss* 319

BRIEF REPORTS

Refractory Hyperdynamic Shock Associated with Alcohol and Disulfiram *Serge Motte, Jean-Louis Vincent, Jean-Bernard Gillet, Jean-Paul Degaute, Robert J. Kahn* 323

Congenital Absence of the C1 Vertebral Arch *Sharon E. Mace, Robert Holliday* 326

Painless Dissection of the Thoracic Aorta *William R. Greenwood, Mel D. Robinson* 330

Isolated Posterior Malleolar Fractures *L. Richard Boggs* 334

Computer-aided Instruction in the Emergency Department *Sandra M. Schneider* 337

SPECIAL CONTRIBUTION

1985 Medical Student Graduation Questionnaire: Subset Report of Respondents with Emergency Medicine as a Definite Specialty Choice *Association of American Medical Colleges* 341

DIAGNOSTICS

Cases in Electrocardiography *Yigal Noy, Tighe Zimmers* 352

THERAPEUTICS

The Cardiopulmonary Arrest Record *M. Douglas Baker, Tami Liverman, Monica Thomas* 355

TOXICOLOGY

Ingestion of Boric Acid by Infants *M. Douglas Baker, Stuart C. Bogema* 358

Fatal Poisoning from Acute Hydrofluoric Acid Ingestion *Anthony S. Manoguerra, Tom S. Neuman* 362

Acute Massive Digoxin Overdose: Survival Without Use of Digitalis-specific Antibodies *Martin Springer, Kent R. Olson, William Feaster* 364

Diphenhydramine-induced Toxic Psychosis *Jeffrey Jones, James Dougherty, Louis Cannon* 369

INTERNATIONAL NOTES

International Abstracts 372

THE LITERATURE OF EMERGENCY MEDICINE

Trauma: An Annotated Bibliography of the Recent Literature *Charles J. McCabe* 374

EDITORIAL

Future Emergency Physicians *J. Douglas White* 383

CORRESPONDENCE

Hypoglycemic Coma from Pentamidine in an AIDS Patient *Michael P. Spadafora, James R. Roberts* 384

Computer-based Interactive Instruction in Trauma *R. D. Evans, Sheldon Brotman* 384

Number 5 • September 1986

ORIGINAL CONTRIBUTIONS

Radiographic Comparison of Plain Films in Second- and Third-degree Ankle Sprains *Robert R. Simon, Jerry R. Hoffman, Mark Smith* 387

A Rapid and Accurate Method of Estimating Body Weight *Jeffery S. Garland, Gregg Kishaba, David B. Nelson, Joseph D. Losek, Kathleen A. Sobocinski* 390

Rapid Cooling in Classic Heatstroke: Effect on Mortality Rates *Salvator J. Vicario, Reginald Okabajue, Thomas Haltom* 394

Dantrolene Sodium for Treatment of Heatstroke Victims: Lack of Efficacy in a Canine Model *James T. Amsterdam, Scott A. Syverud, William J. Barker, Gordon R. Bills, David D. Goltra, Joseph C. Armao, Jerris R. Hedges* 399

BRIEF REPORTS

Vascular Injury Following Disc Surgery *David J. Dula, Ronald Fierro, Harlen Gessner, William S. Snover* 406

Performance of Aeromedical Crewmembers: Training or Experience? *Burton H. Harris* 409

Unrecognized Penetrating Intracranial Foreign Body *Glenn E. Irwin, Jr., John Tilelli* 412

ABSTRACTS FROM THE SIXTH PURDUE CONFERENCE ON CPR AND DEFIBRILLATION 414

CLINICAL NOTES

Facilitation of nasogastric and Nasotracheal Intubation with a Nasopharyngeal Airway *Joseph D. Lewis* 426

TOXICOLOGY

1985 Annual Report of the American Association of Poison Control Centers National Data Collection System *Toby L. Litovitz, Sven A. Normann, Joseph C. Veltri* 427

DIAGNOSTICS

Acute Blindness *Richard L. Gorman, Brain Ahlstrom, Dawn Kobrin-Merritts* 459

Clinical Pharmacy On-call Program in the Emergency Department *Akiko Kasuya, Jerry L. Bauman, Robert A. Curtis, Bernardo Duarte, Richard A. Hutchinson* 464

INTERNATIONAL NOTES

International Abstracts 468

THE LITERATURE OF EMERGENCY MEDICINE

Critical Care Medicine: An Annotated Bibliography of the Recent Literature *Garrett E. Foulke, Timothy E. Albertson, Charles J. Fisher, Jr.* 470

Book Reviews 481

Journal Club: Use of Leukocyte Count and Differential in the Evaluation of Abdominal Pain *Eric A. Davis, Howard A. Werman, Douglas A. Rund* 482

EDITORIALS

Emergency Medicine's Image *J. Douglas White* 487

The Role of Skull Radiographs in Head Injuries *Howard A. Freed* 488

CORRESPONDENCE

Intraosseous Infusions *Richard J. Melker* 490

Number 6 • November 1986

ORIGINAL CONTRIBUTIONS

Refibrillation Managed by EMT-Ds: Incidence and Outcome Without Paramedic Back-up *Kenneth R. Stults, Donald D. Brown* 491

Tricyclic Antidepressant Overdose: Emergency Department Findings as Predictors of Clinical Course *Garrett E. Foulke, Timothy E. Albertson, William F. Walby* 496

Transconjunctival Oxygen Monitoring as a Predictor of Hypoxemia During Helicopter Transport *Charles Shufflebarger, Dietrich Jehle, Eric Cottington, Marcus Martin* 501

Serum Glucose Changes after Administration of 50% Dextrose Solution: Pre- and In-Hospital Calculations *Paul M. Adler* 504

Antibiotic Prophylaxis in Intraoral Wounds *Michael Altieri, Leah Brasch* 507

BRIEF REPORTS

Nasogastric Intubation: Morbidity in an Asymptomatic Patient *David Gough, Darrell Rust* 511

Massive Transfusion Without Major Complications after Trauma *Sheldon Brotman, Concieta Lamonica, R. A. Cowley* 514

Acute Carbon Monoxide Poisoning during Pregnancy *Jeffrey L. Margulies* 516

Conservative Therapy for Missed Esophageal Perforation after Blunt Trauma *Charles E. Lucas, Fred Splittgerber, Anna M. Ledgerwood* 520

Intraosseous Infusion of Phenytoin *Christine M. Walsh-Kelly, Richard J. Berens, Peter W. Glaeser, Joseph D. Losek* 523

REVIEW

Rabies *Frederic H. Kauffman, Bonnie J. Goldmann* 525

DIAGNOSTICS

Boerhaave's Syndrome: An Elusive Diagnosis *Jeffrey A. Schwartz, Timothy L. Turnbull, John Dymowski, Dennis T. Uehara* 532

Cases in Electrocardiography *Tighe Zimmers* 537

THERAPEUTICS

Intraosseous Infusions: A Usable Technique *Kenneth V. Iserson, Elizabeth Criss* 540

TOXICOLOGY

Intravenous Hydrocarbon Abuse *Suman Wason, Paul T. Greiner* 543

Thallium Poisoning in Cocaine Abusers *Barbara M. Insley, Steven Grufferman, H. Edward Ayliffe* 545

Pulmonary Edema Induced by Intravenous Ethchlorvynol *Dewey J. Conces, Jr., Donald L. Kreipke, Robert D. Tarver* 549

Atropine in the Treatment of Baclofen Overdose *Michael B. Cohen, Ronald A. Gailey, Guy C. McCoy* 552

Ingestion of Compound W®, and Unusual Caustic *Alfred Sacchetti, Edward Ramoska* 554

INTERNATIONAL NOTES

International Abstracts 556

THE LITERATURE OF EMERGENCY MEDICINE

Cerebral Resuscitation: An Annotated Bibliography of the Literature, 1984–1985 *Robert E. Rosenthal* 559

BOOK/SOFTWARE REVIEWS 567

EDITORIALS

EMT-D Fibrillation: More Shocks for the Future *Bruce M. Thompson* 570

CORRESPONDENCE

Estimating Prehospital Demand for Pediatric Antishock Garments *Charles J. McCabe, Robert T. Cadigan, Carol E. Bugarin, Carey V. Azzara* 572

Emergency Department Thoracotomy *Jerome R. Hoffman; Raymond J. Roberge, Rao R. Ivatury* 574

Open-chest CPR *Randall Willis* 575

Academic Aspirations of Residents *Thomas Lundberg, Jerris R. Hedges* 575

NOTICES 578

INDEX

Author Index to Volume 4 579

Subject Index to Volume 4